W. Arber

Los Angeles, 23. april 59.

Dr. Joshua Lederberg
Dept. of Genetics
Stanford University

Dear Joshua,

As you told me in Berkeley there would be perhaps the possibility for me to stay in your laboratory for some weeks. Recently Edouard Kellenberger wrote to me, that he got the funds he had asked for and that he would like to have me back in Geneva after my stage in the US. So I plan not to stay here for an other year. I would be glad, however, to come to work with you for a wile before going back to Europe, and as Edouard confirmed me, he would agree.

My one-year-stage at USC will end September 30. I plan to spend the last month (september) of this period in Stents laboratory in Berkeley and to do there some experiments with hot transducing λ. During this time I will be payed still by Joe. Beginning October 1st I would then be free. Please let me know if there is any possibility at Stanford for an arrangement and for what period, I think at one or two months. I am not in hurry and can wait for the response until you will be back from Europe.

In any case, if a stage would not be possible, I will hope to visite Stanford before leaving California and I hope to discuss some λ-problems with you. For the moment I think that E. Wollman is right and

ARBER W.

that the two prophages λ in a doubly lysogenic strain are fixed at the same place on the bacterial chromosome. I made ① a cross $F^+ \times F^- (\lambda,\lambda)$ and the two λ disappeared together; ② in transducing with phage P_1 from λ-sensitive bacteria the two prophages λ disappeared also together. On the other hand, in transducing λ-sensitive recipients with a lysate of P_1 made on $K(\lambda,\lambda)$, in most of the cases I find zygotic induction, and only rarely one of the carried λ will be incorporated as prophage and the bacteria survive.

Please give my compliments to Esther and have a good time in Europe and if possible in Geneva.

Sincerely yours
Werner Arber